Refine Search

Search Results -

Terms	Documents
L1 and cultur\$5 and serpentemycin	2

US Pre-Grant Publication Full-Text Database US Patents Full-Text Database

US OCR Full-Text Database

Database:

EPO Abstracts Database JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

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	100-2

Refine Search

Recall Text	
e (Samuel Carley Constitution)	No. of A





Search History

DATE: Tuesday, September 14, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,	USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=Y	ES; OP=ADJ	
<u>L4</u>	L1 and cultur\$5 and serpentemycin	2	<u>L4</u>
<u>L3</u>	L2 and cultur\$5 and serpentemycin	1	<u>L3</u>
<u>L2</u>	L1 and DSM 14865	2	<u>L2</u>
<u>L1</u>	actinomycetales	1502	L1

END OF SEARCH HISTORY

Hit List

Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20040042981 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 2

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040042981

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040042981 A1

TITLE: Polyenecarboxylic acid derivatives, processes for preparing them, and their

use

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME CIT

CITY

STATE COUNTRY

RULE-47

Vertesy, Laszlo

Eppstein-Vockenhausen

DE

Kurz, Michael

Hofheim

DE

Wink, Joachim

Rodermark

DE

US-CL-CURRENT: 424/59; 562/426, 562/450, 562/466

Full Tit	le Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De

2. Document ID: US 20040042981 A1, DE 10229713 A1, WO 2004005236 A1

L4: Entry 2 of 2

File: DWPI

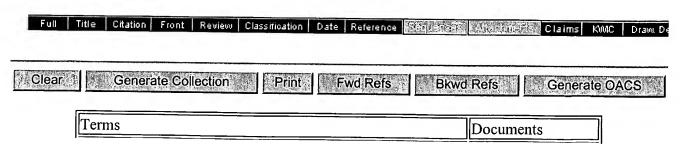
Mar 4, 2004

DERWENT-ACC-NO: 2004-157887

DERWENT-WEEK: 200417

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: New <u>serpentemycin</u> compounds, i.e. 1,2-bis-(alkapolyenyl)-benzene derivatives, useful as glycosyl transferase inhibiting antibacterial agents, obtained by <u>culturing</u> new <u>Actinomycetales</u> strain



d his

(FILE 'HOME' ENTERED AT 10:02:31 ON 14 SEP 2004)

	FILE	' CAPL	JS	' El	NTER	ED A	10	:02:50	ON	14	SEP	2004
L1		259	S	AC	TINO	MYCET	CALE	S				
L2		0	S	L1	AND	POLY	ENE	CARBOX	YLI	CAC	CID	
L3		1	S	L1	AND	DSM	148	65				
L4		0	S	L1	AND	POLY	ENE	CARBO	XYL]	C A	ACID	
		_	_									

0 S ACTINOMYCETALES AND SERPENTEMYCIN

L5

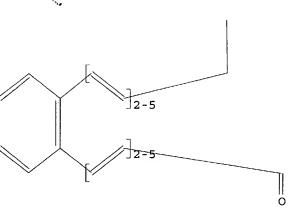
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> s actinomycetales
        * 259 ACTINOMYCETALES
=> s l1 and polyenecarboxylic acid
            19 POLYENECARBOXYLIC
       3868685 ACID
             6 POLYENECARBOXYLIC ACID
                  (POLYENECARBOXYLIC (W) ACID)
             0 L1 AND POLYENECARBOXYLIC ACID
1.2
\Rightarrow s 11 and dsm 14865
          4653 DSM
             9 14865
             1 DSM 14865
                  (DSM(W)14865)
             1 L1 AND DSM 14865
=> d ibib abs hitstr
     ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER:
                       2004:36645 CAPLUS
DOCUMENT NUMBER:
                         140:92685
                         Serpentemycines A-E, novel aromatic polyene
TITLE:
                         antibiotics produced by Actinomycetales
                         DSM 14865
INVENTOR (S):
                         Vertesy, Laszlo; Kurz, Michael; Wink, Joachim
PATENT ASSIGNEE(S):
                         Aventis Pharma Deutschland GmbH, Germany
                         Ger. Offen., 21 pp.
SOURCE:
                         CODEN: GWXXBX
DOCUMENT TYPE:
                         Patent
LANGUAGE:
                         German
```

PATENT NO. KIND DATE APPLICATION NO. DATE --------------DE 10229713 A1 20040115 DE 2002-10229713 20020702 WO 2004005236 A1 20040115 WO 2003-EP6407 PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG US 2004042981 A1 20040304 US 2003-608466 20030627 PRIORITY APPLN. INFO.: DE 2002-10229713 A 20020702 US 2002-423473P P 20021104 OTHER SOURCE(S): MARPAT 140:92685

GI

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

The present inventions provides the novel aromatic polyenes serpentemycines A(I)-E, their derivs., a fermentation process to produce them and their use for the treatment and prophylaxis of bacterial infectious diseases. Also provided is Actinomycetales strain DSM 14865 which is used to produce these metabolites.



Structure attributes must be viewed using STN Express query preparation.

=> s 19

REG1stRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress... Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 15:54:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 5174 TO ITERATE

19.3% PROCESSED 1000 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

TULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 99168 TO 107792

PROJECTED ANSWERS: 0 TO 0

J10 0 SEA SSS SAM L9

.11 0 L10

:> s 19 full

REG1stRY INITIATED

ubstance data SEARCH and crossover from CAS REGISTRY in progress... Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

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ULL SCREEN SEARCH COMPLETED - 103033 TO ITERATE

00.0% PROCESSED 103033 ITERATIONS

EARCH TIME: 00.00.01

7 ANSWERS

0 ANSWERS

12 7 SEA SSS FUL L9

13 2 L12

d 1-2. ibib abs hitstr

3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

CESSION NUMBER: 2004:36645 CAPLUS

CUMENT NUMBER: 140:92685

TLE: Serpentemycines A-E, novel aromatic polyene

antibiotics produced by Actinomycetales DSM 14865

Vertesy, Laszlo; Kurz, Michael; Wink, Joachim

Aventis Pharma Deutschland GmbH, Germany TENT ASSIGNEE(S): URCE:

Ger. Offen., 21 pp.

MARPAT 140:92685

CODEN: GWXXBX

CUMENT TYPE: Patent NGUAGE:

German

MILY ACC. NUM. COUNT:

TENT INFORMATION:

HER SOURCE(S):

VENTOR(S):

PAT	CENT 1	NO.			KIN)	DATE			APPL:	ICAT	ION	NO.		D	ATE	
DE	1022	9713			A1	_	2004	0115		DE 20	002-	1022	9713		2	0020	702
WO	2004	0052	36		A1		2004	0115	,	WO 2	003-	EP64	07				
							AU,										
		co,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH,
		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	LK,	LR,
		LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	OM,	PH,
		PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	ТJ,	TM,	TN,	TR,	TT,	TZ,
		UA,	UG,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW,	AM,	ΑZ,	BY,	KG,	ΚZ,	MD,	RU,
		ТJ,	\mathbf{TM}														
	RW:	GH,	GM,	KΕ,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AT,	ΒE,	BG,
		CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,	IT,	LU,	MC,
		ΝL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,
		GW,	ML,	MR,	NE,	SN,	TD,	TG									
US	2004	0429	81		A 1		2004	0304	1	US 2	003-	6084	66		2	0030	627
ORITY	APP:	LN.	INFO	.:					:	DE 2	002-	1022	9713	1	A 2	0020	702
									1	US 2	002-	4234	73P		P 2	0021	104

The present inventions provides the novel aromatic polyenes serpentemycines A(I)-E, their derivs., a fermentation process to produce them and their use for the treatment and prophylaxis of bacterial infectious diseases. Also provided is Actinomycetales strain DSM 14865 which is used to produce these metabolites.

643764-51-6P, Serpentemycine A 643764-53-8P,

Serpentemycine B 643764-55-0P, Serpentemycine C

643764-57-2P, Serpentemycine D 643764-58-3P,

Serpentemycine E

RL: BMF (Bioindustrial manufacture); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)

(serpentemycines A-E, novel aromatic polyene antibiotics produced by Actinomycetales DSM 14865)

643764-51-6 CAPLUS

2,4,6,8-Nonatetraenoic acid, 9-[2-[(1E,3E)-4-carboxy-1,3butadienyl]phenyl]-, (2E,4Z,6E,8Z)- (9CI) (CA INDEX NAME)

uble bond geometry as shown.

643764-53-8 CAPLUS
2,4,6-Heptatrienoic acid, 7-[2-[(1E,3E)-4-carboxy-1,3-butadienyl]phenyl]-,
(2E,4E,6Z)- (9CI) (CA INDEX NAME)

ouble bond geometry as shown.

643764-55-0 CAPLUS

2,4,6-Heptatrienoic acid, 7-[2-[(1E,3E)-4-carboxy-1,3-butadienyl]phenyl]-, (2E,4E,6E)- (9CI) (CA INDEX NAME)

ouble bond geometry as shown.

N

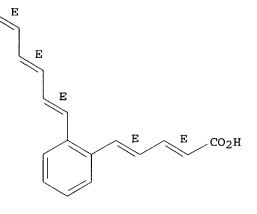
N

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N



643764-57-2 CAPLUS

2,4-Pentadienoic acid, 5-[2-[(1E,3E,5E)-7,8-dihydroxy-1,3,5-nonatrienyl]phenyl]-, (2E,4E)- (9CI) (CA INDEX NAME)

ouble bond geometry as shown. urrently available stereo shown.

643764-58-3 CAPLUS

4,6,8-Nonatrienoic acid, 9-[2-[(1E,3E)-4-carboxy-1,3-butadienyl]phenyl]-2,3-dihydroxy-, (4E,6E,8Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown. Currently available stereo shown.

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1977:422858 CAPLUS

DOCUMENT NUMBER: 87:22858

TITLE: Unsaturated macrocyclic compounds. 121. Synthesis of

benzannelated bisdehydro[14]-, -[16]-, -[18]-, and

-[20]annulenes

Darby, Nicholas; Cresp, Terry M.; Sondheimer, Franz Dep. Chem., Univ. Coll., London, UK Journal of Organic Chemistry (1977), 42(11), 1960-7 AUTHOR(S): CORPORATE SOURCE:

CODEN: JOCEAH; ISSN: 0022-3263

Journal

LANGUAGE: English

ΞI

SOURCE:

DOCUMENT TYPE:

RN

CN

$$C \equiv CCHRCH (OH) (CH = CH)_n$$
 $CH = CHCH (OH) CHRC \equiv CH$ I

Phthalaldehyde was converted to 1,2-bis(alkenynyl)benzenes I (n=0, 1; R = H, Me) by known reactions and I were cyclized and dehydrated to the resp. macrocyclic benzannulenes II. Similarly prepared were the vinylogs III (n, R given): 1, H; 1, Me; 2, H. 61650-58-6P 61675-25-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and hydride reduction of)

61650-58-6 CAPLUS

2,4-Pentadienoic acid, 5,5'-(1,2-phenylene)bis-, diethyl ester, (E,E,?,?)-(9CI) (CA INDEX NAME)

uble bond geometry as described by E or Z.

61675-25-0 CAPLUS
2,4,6-Heptatrienoic acid, 7-[2-(5-ethoxy-5-oxo-1,3-pentadienyl)phenyl]-, ethyl ester, (all-E)- (9CI) (CA INDEX NAME)

uble bond geometry as shown.

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6

STRUCTURE UPLOADED

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6 HAS NO ANSWERS

6 STR

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REG1stRY INITIATED

ubstance data SEARCH and crossover from CAS REGISTRY in progress... se DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

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00.0% PROCESSED 10 ITERATIONS

2 ANSWERS

EARCH TIME: 00.00.01

2 SEA SSS FUL L6

1 L7

> d ibib abs hitstr

ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

CCESSION NUMBER:

2004:36645 CAPLUS 140:92685

OCUMENT NUMBER: ITLE:

VVENTOR(S):

CUMENT TYPE:

OURCE:

Serpentemycines A-E, novel aromatic polyene

antibiotics produced by Actinomycetales DSM 14865

Vertesy, Laszlo; Kurz, Michael; Wink, Joachim

Aventis Pharma Deutschland GmbH, Germany

Ger. Offen., 21 pp.

CODEN: GWXXBX Patent

ANGUAGE:

German

AMILY ACC. NUM. COUNT:

ATENT INFORMATION:

ATENT ASSIGNEE(S):

PATENT NO.	KIND DATE	APPLICATION NO.	DATE
DE 10229713	A1 2004	0115 DE 2002-10229713	20020702
WO 2004005236		0115 WO 2003-EP6407	20030618
CO, CR, Ci	, CZ, DE, DK,	AZ, BA, BB, BG, BR, BY, BZ, DM, DZ, EC, EE, ES, FI, GB, IS, JP, KE, KG, KP, KR, KZ, MG, MK, MN, MN, MX, MZ, NO,	GD, GE, GH,
GM, HR, Hi	, ID, IL, IN,		LC, LK, LR,

PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG US 2004042981 Α1 20040304 US 2003-608466 20030627 PRIORITY APPLN. INFO.: DE 2002-10229713 A 20020702 US 2002-423473P P 20021104

OTHER SOURCE(S):

MARPAT 140:92685

AB The present inventions provides the novel aromatic polyenes serpentemycines A(I)-E, their derivs., a fermentation process to produce them and their use for the treatment and prophylaxis of bacterial infectious diseases. Also provided is Actinomycetales strain DSM 14865 which is used to produce these metabolites.

IT 643764-53-8P, Serpentemycine B 643764-55-0P,

Serpentemycine C

RL: BMF (Bioindustrial manufacture); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)

(serpentemycines A-E, novel aromatic polyene antibiotics produced by Actinomycetales DSM 14865)

RN 643764-53-8 CAPLUS

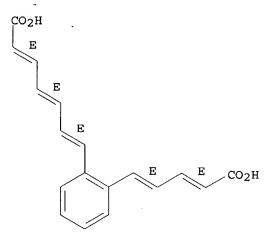
CN 2,4,6-Heptatrienoic acid, 7-[2-[(1E,3E)-4-carboxy-1,3-butadienyl]phenyl]-, (2E,4E,6Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

RN 643764-55-0 CAPLUS

CN 2,4,6-Heptatrienoic acid, 7-[2-[(1E,3E)-4-carboxy-1,3-butadienyl]phenyl]-, (2E,4E,6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



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L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS

L1STR

Structure attributes must be viewed using STN Express query preparation.

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REG1stRY INITIATED

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100.0% PROCESSED

SEARCH TIME: 00.00.01

1 ITERATIONS

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE** **COMPLETE**

BATCH

80 1 TO

PROJECTED ITERATIONS: PROJECTED ANSWERS:

O TO

L2 0 SEA SSS SAM L1

 L_3 0 L2

=> s l1 full

REG1stRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress... Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

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100.0% PROCESSED 10 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

2 SEA SSS FUL L1

-5 1 L4

=> d ibib abs hitstr

ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:36645 CAPLUS

DOCUMENT NUMBER:

140:92685

TITLE: Serpentemycines A-E, novel aromatic polyene

antibiotics produced by Actinomycetales DSM 14865

Vertesy, Laszlo; Kurz, Michael; Wink, Joachim

PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany SOURCE:

Ger. Offen., 21 pp.

CODEN: GWXXBX

DOCUMENT TYPE:

Patent

LANGUAGE:

INVENTOR(S):

German

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO.	DATE
DE 10229713	A1 20040115	DE 2002-10229713	20020702
WO 2004005236	A1 20040115	WO 2003-EP6407	20030618
W: AE, AG, AL,		BA, BB, BG, BR, BY,	
CO, CR, CU,	CZ, DE, DK, DM.	DZ, EC, EE, ES, FI,	GB GD GE GH
GM, HR, HU.	ID. IL. IN. TS.	JP, KE, KG, KP, KR,	KZ I.C I.K I.D
LS. LT. LU.	I.V. MA MD MG	MK, MN, MW, MX, MZ,	NO NZ OM DU
DI. DT DO	DII CC CD CE	CC CV CI MI MM	NO, NZ, OM, PH,
II, II, KO,	KO, SC, SD, SE,	SG, SK, SL, TJ, TM,	TN, TR, TT, TZ,
	VC, VN, YU, ZA,	ZM, ZW, AM, AZ, BY,	KG, KZ, MD, RU,
TJ, TM			
RW: GH, GM, KE,	LS, MW, MZ, SD,	SL, SZ, TZ, UG, ZM,	ZW, AT, BE, BG.
CH, CY, CZ,	DE, DK, EE, ES,	FI, FR, GB, GR, HU,	IE. IT. LU. MC
NL, PT, RO,	SE, SI, SK, TR.	BF, BJ, CF, CG, CI,	CM GA GN GO
GW, ML, MR,	NE, SN, TD, TG	21, 20, 61, 66, 61,	ch, da, da, do,
		US 2003-608466	20020627
PRIORITY APPLN. INFO.:	20040304		
INIONIII AIIBM. INFO		DE 2002-10229713	
		US 2002-423473P	P 20021104
OTHER SOURCE(S):	MARPAT 140:9268!	5	

The present inventions provides the novel aromatic polyenes serpentemycines AΒ A(I)-E, their derivs., a fermentation process to produce them and their use for the treatment and prophylaxis of bacterial infectious diseases. Also provided is Actinomycetales strain DSM 14865 which is used to produce these metabolites.

IT 643764-57-2P, Serpentemycine D 643764-58-3P,

Serpentemycine E

RL: BMF (Bioindustrial manufacture); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)

(serpentemycines A-E, novel aromatic polyene antibiotics produced by Actinomycetales DSM 14865)

RN643764-57-2 CAPLUS

CN

2,4-Pentadienoic acid, 5-[2-[(1E,3E,5E)-7,8-dihydroxy-1,3,5nonatrienyl]phenyl]-, (2E,4E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown. Currently available stereo shown.

RN 643764-58-3 CAPLUS

CN

4,6,8-Nonatrienoic acid, 9-[2-[(1E,3E)-4-carboxy-1,3-butadienyl]phenyl]-2,3-dihydroxy-, (4E,6E,8Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown. Currently available stereo shown.